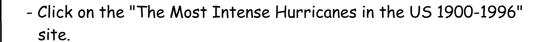
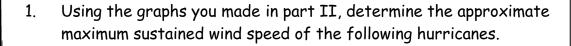


# IV. Application

## A. Applying Graphs





2. Using the graphs you made in part II, determine the approximate storm tide of the following hurricanes.





3.	What difference does the timing of the tide make on the damage done by a hurricane?
4.	Describe the types of damage that would happen if a hurricane with an intensity of 3 on the Saffir-Simpson Scale hit where you live.
- C	lick "Back" until you get back to the OAR Hurricanes site.
V.	Enrichment



# A. Hurricane Induced Building Considerations



- 1. Research the change in construction regulations in Florida due to the effects of hurricane Andrew in 1992.
- 2. Brainstorm about the type of housing that would best weather a hurricane.

#### B. El Nino Effects on Hurricanes

- You can do this section only if you have completed the El Nino activity.
- Read the following two questions before going to the sites so you know what to look for.
- 1. Explain the effect El Nino has on the Atlantic and Pacific hurricane seasons.
- 2. What effect on the number of hurricanes should El Nino have had in 1997 1998?
  - Click on the 1997 storm tracks for the Eastern Pacific site (a severe El Nino year).
  - Click on the 1995 storm tracks site for the Eastern Pacific (a non El Nino year).
- Click "Back" until you get back to the OAR Hurricanes site.

### C. Terminology

1. Research the meaning of "Willie - Willie" in Australia.

#### D. Related Web Sites

- 1. Hurricane Hunters
  - http://www.hurricanehunters.com
- 2. NOAA Hurricane Hunters
  - http://www.nc.noaa.gov/aoc.html
- 3. National Hurricane Center
  - http://www.nhc.noaa.gov
- 4. JSU's Tropical Cyclone Products
  http://santa.jsums.edu/tropsit.html
- 5. Hurricane and Tropical Storm Tracking http://hurricane.terrapin.com
- 6. Hurricane and Natural Disasters Brochures http://www.aoml.noaa.gov/general/lib/hurricbro.html
- 7. National Weather Service Hurricane page http://www.nws.noaa.gov/om/hurrbro.htm









